



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

WISCONSIN, Southeast

**WIZ046>047-051>052- Marquette - Green Lake - Fond Du Lac - Sheboygan - Sauk - Columbia - Dodge - Washington - Ozaukee - Iowa - Dane -
056>060-062>064-067>072 Jefferson - Lafayette - Green - Rock - Walworth - Racine - Kenosha**

09	2200CST	0	0		Dense Fog
10	0700CST				

After widespread rain on May 9th, the ground was left saturated during the morning hours of the 10th. Clear skies and light south winds allowed for strong radiational cooling which promoted the development of dense fog across south-central and southeast Wisconsin. Visibilities fell to less than 1/4 mile with some locations dropping to near zero. A person was killed (indirectly-related to dense fog) after colliding their vehicle with a train near Watertown in Dodge County. Visibility was near zero at that time.

**WIZ046>047-051>052- Marquette - Green Lake - Fond Du Lac - Sheboygan - Sauk - Columbia - Dodge - Washington - Ozaukee - Dane - Jefferson
056>060-063>066-069>072 - Waukesha - Milwaukee - Rock - Walworth - Racine - Kenosha**

11	1200CST	0	0	19.5K	Strong Wind (EG36)
	1800CST				

Strong northwest wind gusts of 39 to 43 knots (45 to 50 mph) affected south-central and southeast Wisconsin on May 11th, in the wake of an abnormally strong low pressure that tracked from the Texas Panhandle into Lower Michigan. This resulted in scattered light tree damage and power outages. In addition, there were two indirectly-related vehicle accident deaths. In one case, a woman was killed as her son lost control of the vehicle on a wet road during a rain shower, which led to a head-on collision in the town of Grafton (Ozaukee Co.) around 0825CST (poor visibility and inattentiveness may have been factors, based on the police report). Elsewhere, a man died in Fitchburg (Dane Co.) around 1500CST when he lost control of his vehicle trying to swerve from a large tree limb on the road, and hit another tree. Some notable maximum wind gusts include 43 knots (50 mph) at Sheboygan North High School (Sheboygan Co. - Milwaukee TV-6 school net site), 42 knots at Madison Memorial High School (Dane Co. - Madison TV-15 school net site), and 41 knots (47 mph) at the ASOS units at both Milwaukee Mitchell Field (Milwaukee Co.) and the Sheboygan County Airport northwest of Sheboygan Falls. Last, but not least, temperatures fell to unseasonably cold levels in the 30s during the afternoon. A mix of rain and snow or all light snow resulted toward the tail end of a convective precipitation shield during the later afternoon and overnight hours. Snow accumulations up to 1 inch occurred on top of 1716-foot high Blue Mound in eastern Iowa County, as well as in the higher, grassy areas in parts of Sauk, Dane, Jefferson, Walworth, and Waukesha counties.

Dane County					
5 NE Sun Prairie to 2 E Marshall	17	1253CST 1308CST	0	0	Hail(0.75)
Jefferson County					
Waterloo	17	1315CST	0	0	Hail(0.75)
Dane County					
Cottage Grove	17	1331CST	0	0	Hail(0.75)
Sheboygan County					
2.2 SE Plymouth	17	1339CST	0	0	Hail(1.75)
Columbia County					
2 SE Friesland	17	1340CST	0	0	Hail(0.75)
Fond Du Lac County					
4 ENE Eden	17	1340CST	0	0	Hail(0.75)
Columbia County					
4 W Arlington	17	1348CST	0	0	Hail(0.75)
Dodge County					
Randolph	17	1348CST	0	0	Hail(0.75)



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<u>WISCONSIN, Southeast</u>										
Sheboygan County										
4 WNW Waldo	17	1349CST			0	0			Hail(0.75)	
Dane County										
De Forest	17	1358CST			0	0			Hail(1.75)	
Ozaukee County										
3 NE Fredonia	17	1405CST			0	0			Hail(0.75)	
Walworth County										
4 NNE Lake Geneva	17	1405CST			0	0			Hail(0.75)	
Kenosha County										
4 NNW Twin Lakes	17	1418CST			0	0			Hail(0.75)	
Dane County										
1.5 W Madison	17	1425CST 1430CST			0	0			Hail(0.75)	
Fond Du Lac County										
5 WNW Waupun	17	1431CST			0	0			Hail(0.75)	
Dodge County										
5 SSW Waupun	17	1444CST			0	0			Hail(0.75)	
Washington County										
3 WNW Germantown	17	1448CST			0	0			Hail(0.75)	
Milwaukee County										
Milwaukee Mitchell Ar	17	1501CST			0	0			Funnel Cloud	
Rock County										
Janesville to Emerald Grove	17	1501CST 1510CST			0	0			Thunderstorm Wind (EG52)	
		Trees and powerlines down.								
Racine County										
.5 W Racine	17	1505CST			0	0			Hail(0.88)	
Racine County										
1.5 W Racine	17	1505CST			0	0			Hail(0.88)	
Rock County										
3 ESE Milton	17	1505CST			0	0			Hail(0.75)	
Waukesha County										
Hartland	17	1505CST			0	0			Hail(1.00)	
Racine County										
1 W Racine	17	1525CST			0	0			Funnel Cloud	
Walworth County										
3 N Darien to 4 NE Sharon	17	1526CST 1535CST			0	0			Hail(0.75)	
Racine County										
Racine	17	1545CST			0	0	3K		Hail(0.75)	
		Wind driven hail dented cars and siding.								
Racine County										
4 ESE Waterford	17	1548CST			0	0			Hail(0.75)	

As a shortwave approached southern Wisconsin during the afternoon, it interacted with unstable conditions to produce scattered clusters of severe thunderstorms that dumped large hail up to the size of golf balls, and produced isolated downburst winds that pulled down trees and power lines. Steep lapse rates and cold air aloft allowed for hail formation within the storms. A funnel cloud was observed near Milwaukee General Mitchell International Airport (Milwaukee Co.) around 1501CST, and another one over the city of Racine (Racine Co.) around 1525CST.



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WISCONSIN, Southeast

Kenosha County

Kenosha	24	1600CST			0	0	1K		Lightning
Lightning struck a garage in the city of Kenosha, resulting in a small fire and slight damage. The time is only an estimate, it could have been a hour or two earlier.									

Sauk County

Loganville to Hillpt	24	1630CST 1700CST			0	0			Thunderstorm Wind (EG50)
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Sauk County

8 W Spring Green	24	1639CST			0	0			Thunderstorm Wind (MG50)
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Iowa County

6 NW Dodgeville	24	1643CST			0	0			Hail(0.88)
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Sauk County

1 SW Reedsburg	24	1643CST			0	0			Hail(0.75)
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Sauk County

4.5 SSW Devils Lake to 4.5 SW Devils Lake	24	1653CST	0.1	20	0	0	0	0	Tornado (F0)
A brief tornado spun up 4.5 miles southwest of Devils Lake and did no damage. The tornado was rated an F0.									

Dane County

(Msn)Truax Fld Madis	24	1700CST 1800CST			0	0			Heavy Rain
Heavy rains fell in the Madison area during the late afternoon of May 24th as storms rolled through the area. Between 1700CST and 1800CST, 1.31 inches of rain fell at Madison's Traux Field, which contributed to a new daily record of 1.51 inches for the date. Water quickly accumulated in low areas on some Madison roads, and in some cases, the water level reached vehicle floor boards. The deepest water was reported to be 18 inches. The urban flooding started about 1730CST and ended about 1830CST. About 25 vehicles stalled in the deep water.									

Columbia County

1 NW Portage	24	1715CST			0	0			Thunderstorm Wind (EG50)
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Dane County

1 W Waunakee	24	1720CST			0	0			Thunderstorm Wind (EG56)
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Rock County

Countywide	24	1730CST			0	0	20K		Thunderstorm Wind (EG56)
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Dane County

Marxville	24	1735CST			0	0			Thunderstorm Wind (EG52)
Trees down.									

Dane County

Monona	24	1741CST			0	0			Thunderstorm Wind (EG50)
Trees down.									

Dane County

Monona	24	1758CST			0	0			Thunderstorm Wind (EG52)
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Dane County

Stoughton	24	1800CST			0	0			Thunderstorm Wind (EG52)
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Jefferson County

Ft Atkinson	24	1800CST			0	0	10K		Thunderstorm Wind (EG50)
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Waukesha County

Brookfield	24	1830CST			0	0	1K		Lightning
Lightning striking the ground next to a home shattered its windows.									



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WISCONSIN, Southeast

Waukesha County

Delafield	24	1900CST			0	0	10K		Thunderstorm Wind (EG50)
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A broken like of thunderstorms developed ahead of a cold front headed into western Wisconsin during the late afternoon hours. With a moderately unstable airmass and decent directional shear, some storms took on supercellular characteristics. One such storm produced a tornado in Sauk County, 4.5 miles south-southwest of Devils Lake, just west of STH 12 on the west side of the Badger Army Amo Plant, in the Bluffview area. The tornado was brief and weak. No significant damage was noted. The line progressed east across most of southern Wisconsin during the early evening, producing areas of large hail and damaging straight-line winds which uprooted large trees or broke large tree branches out of trees. In Rock County, scattered large trees were uprooted, which in turn blocked several roads. About a half-dozen homes were lightly damaged due to trees or tree branches crashing down on them. Heavy rainfall in the Madison area led to urban-type flooding. Lightning strikes and/or tree limbs hitting power lines resulted in about 2900 customers losing electrical power, mostly in the Fort Atkinson (Jefferson Co.) and Delafield (Waukesha Co.) areas.

Rock County

1 W Beloit	27	1505CST			0	0	5K		Thunderstorm Wind (EG56)
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Trees down on a house and garage. Light damage to roof and siding.

Columbia County

Portage	27	1545CST			0	0			Hail(0.75)
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Columbia County

7 N Portage	27	1635CST			0	0			Hail(0.75)
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Fond Du Lac County

Fond Du Lac	27	2236CST			0	0	3K		Lightning
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Lightning struck a house and started the roof on fire.

Scattered afternoon thunderstorms popped up over south-central and southeast Wisconsin on May 27th, resulting in some large hail reports and some damaging straight-line winds.

Green County

6 N Brodhead	29	1243CST			0	0			Thunderstorm Wind (EG52)
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Trees down.

Rock County

1.7 SE Evansville	29	1255CST			0	0	25K		Thunderstorm Wind (EG52)
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Pole barn, furniture, and tree damage.

Racine County

Burlington	29	1507CST			0	5			Lightning
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Five people were injured (suffered tingling sensations) by a nearby lightning strike during the ChocolateFest in Burlington. They were taken to a local hospital for medical treatment and released.

Racine County

Burlington	29	1508CST			0	2			Lightning
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A mother and her child outside a retail store in Burlington were injured when a lightning bolt struck nearby.

Scattered thunderstorms developed during the afternoon hours of May 29th. Only a couple storms became severe to produce damaging winds in eastern Green County and western Rock County. Elsewhere, a non-severe storm resulted in several outdoor lightning injuries in Burlington (Racine Co.).